

What is claimed is:

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1. A method of controlling fuel tank vapor venting during refueling comprising:
 - (a) providing a fuel filler neck on the tank and inserting a fuel filler nozzle in the tank filler neck and mechanically sealing between the nozzle and filler neck;
 - (b) disposing a vent valve in the upper wall of the tank and connecting a vapor vent line from the vent valve to a vapor storage canister; and,
 - (c) connecting one end of a recirculation line to the filler neck downstream of the mechanical seal and connecting an end opposite the one end to the vapor vent line and recirculating tank vapor during refueling; and, forming a liquid seal between the filler neck and the fuel discharged from the nozzle during refueling.
 2. The method defined in claim 1, wherein said step of disposing a vent valve includes disposing a float operated valve.
 3. The method defined in claim 1, wherein said step of providing a fuel filler neck includes providing a relief valve for bypassing the mechanical sealing.

4. In a tank refueling vapor control system of the type having a vapor storage canister, and seal for a refueling nozzle in the tank filler tube, the improvement comprising:

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- (a) a vent valve disposed on the tank upper wall and having a vapor vent line therefrom connected to the canister;
- (b) a recirculation line having one end connected to the filler neck downstream of the nozzle seal and the end opposite the one end connected to the vent line for recirculating vapor during refueling.

5. The improvement defined in claim 4, wherein the vent valve is float operated.

6. The improvement defined in claim 4, wherein the filler neck includes a pressure relief valve for bypassing the nozzle seal in the event of excessive fuel vapor pressure.

7. The improvement defined in claim 4, wherein the filler neck includes a one-way valve disposed downstream of the mechanical seal and adapted to be opened by insertion of a refueling nozzle.

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8. A method of controlling fuel tank vapor venting during refueling comprising:
- (a) providing a fuel filler neck in the tank;
 - (b) sealing about a fuel filler nozzle upon insertion in the filler neck;
 - (c) venting tank vapor through a valve and connecting the valve outlet to a storage canister; and,
 - (d) recirculating vapor from the valve outlet to the filler neck; and, forming a liquid seal between the filler neck and the fuel discharged from the nozzle during refueling.
9. The method defined in claim 8, wherein said step of recirculating includes connecting one end of a vapor vent line to the valve outlet and an end opposite said one end of said vapor vent line to the canister; and, connecting one end of a recirculation line to said vapor vent line and an end opposite said one end of said recirculation line to the filler neck.
10. The method defined in claim 8, wherein said step of venting tank vapor through a valve includes operating the valve with a float.
11. The method defined in claim 8, wherein said step of sealing about a filler nozzle includes disposing a seal in the filler neck and providing a pressure relief valve for bypassing said seal in the event of excessive fuel vapor pressure in the tank.